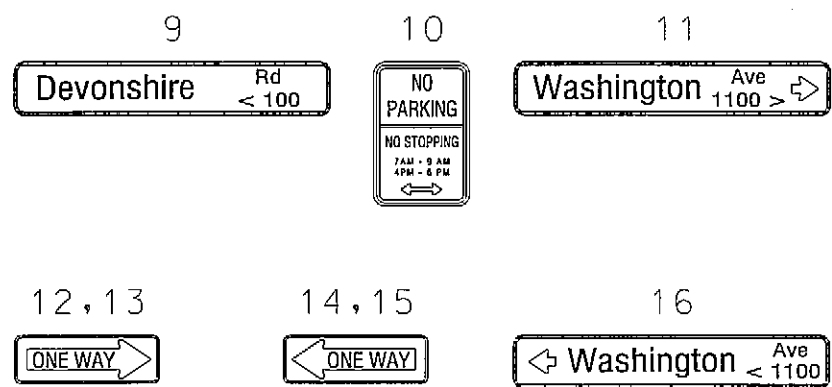
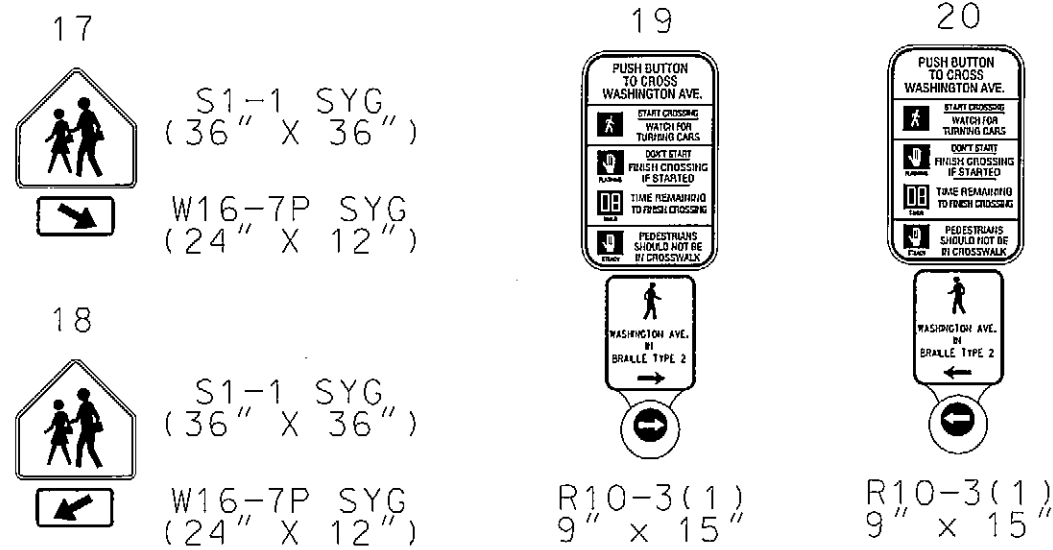


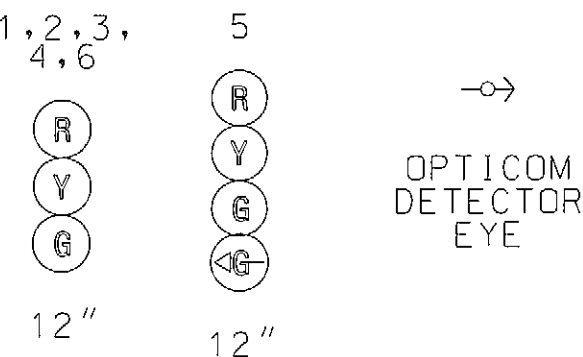
EXISTING SIGNS



PROPOSED SIGNS



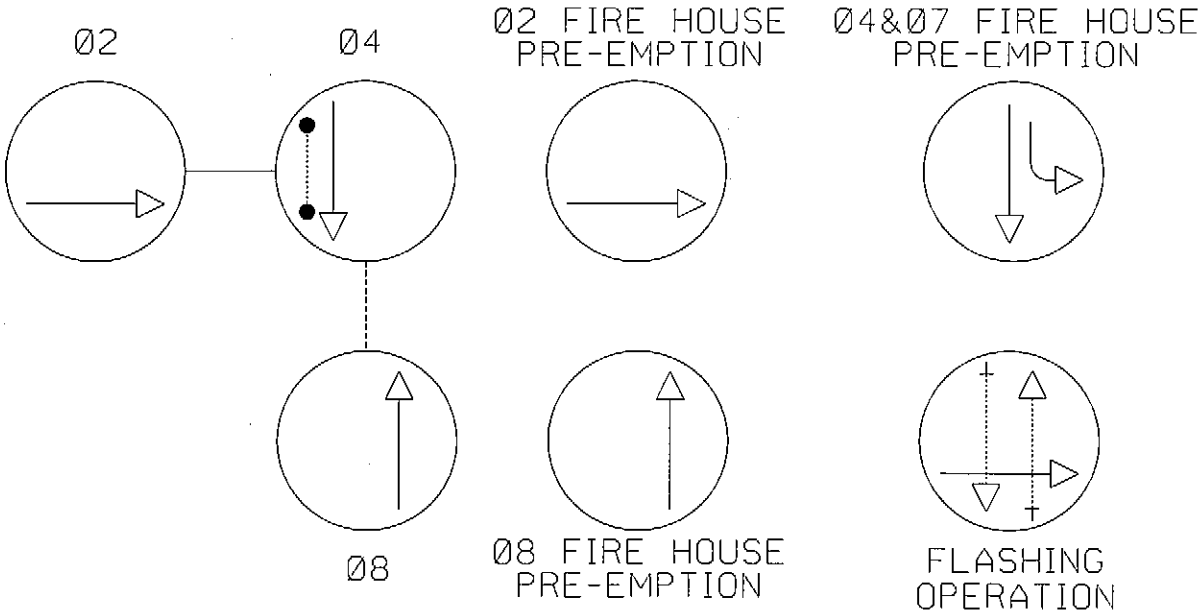
EXISTING SIGNAL EQUIPMENT



PROPOSED SIGNAL EQUIPMENT



NEMA PHASING



NOTES:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
PHASE 7 IS ONLY USED DURING PRE-EMPTION.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

US 40 EASTBOUND (WASHINGTON AVE)

US 40 EASTBOUND (WASHINGTON AVE)

CONSTRUCTION DETAILS:

- A. INSTALL CONCRETE FOUNDATION FOR A 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01), COUNTDOWN PEDESTRIAN SIGNALS, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: POLE TO BE PAINTED HAGERSTOWN GREEN, WITH ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- B. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- C. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- D. INSTALL HANDHOLE.
- E. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- F. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSS WALK.
- G. USE EXISTING HANDHOLE AND ADJUST TO GRADE.
- H. USE EXISTING BASE MOUNTED CABINET CONTROLLER.
- I. USE EXISTING CONDUIT.
- J. REMOVE EXISTING PAVEMENT MARKING.
- K. INSTALL 5 IN. HEAT APPLIED, DOUBLE YELLOW PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- L. INSTALL GROUND MOUNTED SIGN.

GEOMETRIC LEGEND

--- EXISTING  
--- PROPOSED

UTILITY LEGEND

SD SD STORM DRAIN  
G G GAS MAIN  
W W WATER MAIN  
S S SEWER MAIN  
E E ELECTRIC CABLES  
A A AERIAL CABLES  
T T TELEPHONE CABLES  
F F FIBER-OPTIC

**BAI** BRUDIS & ASSOCIATES, INC.  
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Columbia, Maryland 21046  
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BW629M84  
US 40 WB/EB @ DEVONSHIRE

**SHA**

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 40 E/B (WASHINGTON AVE) @ DEVONSHIRE RD  
TRAFFIC SIGNAL MODIFICATION  
HAGERSTOWN, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE 05/20/1997 CONTRACT NO. WA9535185  
DESIGNED BY LAWRENCE OF AE GROUP, INC. COUNTY WASHINGTON  
DRAWN BY T. COURVILLE OF AE GROUP, INC. LOGMILE 21E04034.99  
CHECKED BY TMS NO. J851  
F.A.P. NO. STPG-218-1(7)E TOD NO.  
TS NO. 3684A DRAWING 1 OF 3 SHEET NO. 1 OF 9

PLOTTED: Monday, November 23, 2009 AT 03:34 PM  
FILE: P:\06-004 District 1\Safe Routes to School\Hagerstown Signal\US 40 E @ Devonshire\Drawings\CADD\Working\PSG-F001\_US40E@DevonshireP.dgn